

IN THE CLAIMS

Please cancel claims 4, 20, 21 and 23-25 without prejudice or disclaimer and amend the remaining claims as follows:

1. (Previously Presented) An air drying waterborne resin composition comprising at least one amphiphilic air drying dendritic polymer, at least one non-amphiphilic air drying resin, at least one drier initiating and/or promoting autoxidation, water and optionally at least one anionic and/or nonionic surfactant and/or at least one coalescent agent

wherein said at least one amphiphilic air drying dendritic polymer is built up from a polyhydric dendritic core polymer having at least 4 terminal hydroxyl groups and thus a hydroxyl functionality (f) of at least 4, and at least one unsaturated carboxylic acid bonded to at least one and at most $f-1$ said terminal hydroxyl group(s) and at least one adduct, obtained by addition of at least one monoalkylated polyethylene glycol to at least one dicarboxylic acid or at least one corresponding anhydride and/or at least one diisocyanate, bonded to at least one and at most $f-1$ said terminal hydroxyl group(s), and that said at least one non-amphiphilic air drying resin is a short, medium or long oil air drying alkyd.

2. (Previously Presented) An air drying waterborne resin composition according to claim 1, wherein said polyhydric dendritic core polymer is obtained by addition of at least one di, tri or polyhydric monocarboxylic acid to a di, tri or polyhydric core molecule at a molar ratio yielding a polyhydric dendritic polymer comprising a core molecule and at least one branching generation bonded to said di, tri or polyhydric core molecule.

3. (Previously Presented) An air drying waterborne resin composition according to claim 1, wherein said polyhydric core dendritic polymer is obtained by ring opening addition of at least one oxetane of a di, tri or polyhydric compound to a di, tri or polyhydric core molecule at a molar ratio yielding a polyhydric dendritic polymer comprising a core molecule and at least one branching generation bonded to said di, tri or polyhydric core molecule.

4. (Cancelled).
5. (Original) An air drying waterborne resin composition according to Claim 1, wherein said at least one monoalkylated polyethylene glycol is a monomethylated polyethylene glycol.
6. (Previously Presented) An air drying waterborne resin composition according to Claim 1, wherein said at least one dicarboxylic acid or anhydride is at least one selected from the group consisting of adipic acid, azelaic acid, fumaric acid, maleic anhydride, phthalic acid or anhydride, isophthalic acid, tetrahydrophthalic anhydride, hexahydrophthalic anhydride, succinic acid or anhydride and sebacic acid.
7. (Original) An air drying waterborne resin composition according to Claim 1, wherein said at least one unsaturated carboxylic acid is an aliphatic linear or branched fatty acid having 8-24 carbon atoms in its main carbon.
8. (Original) An air drying waterborne resin composition according to Claim 1, wherein said at least one unsaturated carboxylic acid is tall oil fatty acid, soybean fatty acid, safflower fatty acid, sunflower fatty acid, cottonseed fatty acid, castor fatty acid, oleric acid, linoleic acid and/or linolenic acid.
9. (Previously Presented) An air drying waterborne resin composition according to Claim 1, wherein a weight ratio of said air drying dendritic polymer to said air drying alkyd is between 1:99 and 99:1.
10. (Previously Presented) An air drying waterborne resin composition according to Claim 1, wherein said at least one drier is at least one metal drier.

11. (Previously Presented) An air drying waterborne resin composition according to Claim 1, wherein said at least one metal drier is present in an amount of 0.01-0.3% by weight, calculated as metal on solid resins.

12. (Previously Presented) An air drying waterborne resin composition according to Claim 1, wherein said at least one surfactant is present in an amount of 1-15%, by weight calculated on solid resins.

13. (Cancelled).

14. (Previously Presented) A method according to claim 29, wherein a neutralizing agent is added to neutralize residual acid groups in said air drying alkyd and/or said air drying dendritic polymer.

15. (Previously Presented) A method of forming a composition comprising adding an amphiphilic air drying dendritic polymer according to claim 1, as water dispersing resin for a non-amphiphilic air drying resin.

16. (Previously Presented) A method of forming a composition comprising adding an amphiphilic air drying polymer according to claim 1, as dispersing agent for pigments and/or fillers.

17. (Previously Presented) An air drying waterborne composition according to Claim 1, wherein f is at least 8.

18. (Previously Presented) An air drying waterborne composition according to Claim 1, wherein f is at least 16.

19. (Previously Presented) An air drying waterborne composition according to Claim 1, wherein f is at least 32.

20. (Cancelled).

21. (Cancelled).

22. (Previously Presented) An air drying waterborne resin composition according to Claim 1, wherein said at least one dicarboxylic acid or anhydride is at least one selected from the group consisting of linear or branched aliphatic, cycloaliphatic and aromatic dicarboxylic acid and anhydride.

23.-25. (Cancelled).

26. (Previously submitted) An air drying waterborne resin composition according to Claim 10, wherein said at least one metal drier is at least one selected from the group consisting of Pb, Zr, Co, Li, K, Mn and Mg.

27. (Previously submitted) An air drying waterborne resin composition according to Claim 11, wherein said at least one metal drier is present in an amount of 0.05-0.3% by weight, calculated as metal on solid resins.

28. (Previously Presented) An air drying waterborne resin composition according to Claim 1, wherein said at least one surfactant is present in an amount of 2-10% by weight, calculated on solid resins.

29. (Previously Presented) A method of producing an air drying waterborne resin composition according to Claim 1, wherein said method comprises:

- i) mixing said at least one air drying dendritic polymer, said at least one air drying alkyd and optionally at least one coalescent agent at 40-80°C until a homogenous mixture is obtained;
- ii) adding and admixing said at least one drier and optionally said at least one surfactant and optionally other additives;
- iii) mixing said ingredients at 40-80°C for 10-60 minutes; and
- iv) adding slowly and under vigorous stirring water, having a temperature of 40-80°C.

30. (Previously Presented) A method according to Claim 14, wherein said neutralizing agent is an amine or ammonia.